

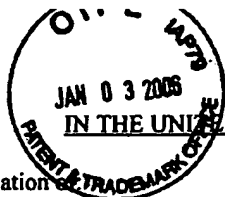
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| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | | | | | Application or Patent Number 10/604364 | |
|---|---|--------------|------------------------------------|---------------|--|-------------------------|
| CLAIMS AS FILED - PART I | | | | | | |
| (Column 1) | | (Column 2) | | SMALL ENTITY | | OR |
| FOR | NUMBER FILED | NUMBER EXTRA | | RATE | FEE | OTHER THAN SMALL ENTITY |
| BASIC FEE (37 CFR 1.16(a)) | | | | | \$ | |
| TOTAL CLAIMS (37 CFR 1.16(c)) | 10 | minus 20 = | | x \$ 1 = | | \$ 220 |
| INDEPENDENT CLAIMS (37 CFR 1.16(d)) | 3 | minus 3 = | | x \$ 42 = | | x \$ 126 = |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(e)) | | | | + \$ | | + \$ |
| | | | | TOTAL | | TOTAL 770 pd |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | | | | |
| CLAIMS AS AMENDED - PART II | | | | | | |
| (Column 1) | | (Column 2) | | (Column 3) | | SMALL ENTITY |
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE |
| | Total (37 CFR 1.16(d)) | 9 | Minus | 20 | 0 | ADDITIONAL FEE |
| | Independent (37 CFR 1.16(d)) | 3 | Minus | 3 | 0 | |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(e)) | | | | | |
| | | | | | | TOTAL ADD'L FEE |
| (Column 1) | | (Column 2) | | (Column 3) | | OR |
| | | | | | | OTHER THAN SMALL ENTITY |
| | | | | | | RATE |
| | | | | | | ADDITIONAL FEE |
| | | | | | | TOTAL ADD'L FEE |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. | | | | | | |
| * If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". | | | | | | |
| * If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". | | | | | | |
| The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | |
| This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | | | | | | |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Application of)
 Applicant(s): Kenji Koyama)
 Serial No.: 10/804,588)
 Conf. No.: 7303)
 Filed: March 19, 2004)
 For: DISK CONTROL UNIT, DISK)
 DRIVE, DISK CONTROL)
 METHOD, AND DISK)
 CONTROL PROGRAM)
 Art Unit: 2651)
 Examiner: Figueroa, Natalia)

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date.

December 27, 2005
 Date

B. Joe Kim
 Attorney for Applicant
 Registration No. 41,895

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

| | As Amended | Previously Paid For | Present Extra | Rate | Additional Fee |
|------------------------------------|------------|---------------------|---------------|----------|----------------|
| Total Claims | 12 | 20 | 0 | \$50.00 | \$ 00.00 |
| Independent Claims | 3 | 3 | 0 | \$200.00 | \$ 00.00 |
| Fee for Multiple Dependent Claims | | | | \$360.00 | \$ 00.00 |
| Total Additional Fee | | | | | \$ 00.00 |
| Small Entity Fee (reduced by half) | | | | | \$ 00.00 |

(X) Amendment B.

() A check in the amount of \$_____ is attached.

() Petition for Extension of Time (in duplicate), with check in the amount of \$_____.

() Charge \$_____ to Deposit Account No. 07-2069.

(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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 Customer Number 24978
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By:

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